# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1 | "6873661".pn. | US-PGPUB; USPAT | OR | ON | 2007/07/20 07:14 |
| L4 | 410 | (filter adj response) with (difference or subtract$3) | US-PGPUB; USPAT | OR | ON | 2007/07/20 10:19 |
| L5 | 19 | 4 and QPSK | US-PGPUB; USPAT | OR | ON | 2007/07/20 10:19 |
| L6 | 1 | "4736362".pn. | US-PGPUB; USPAT | OR | ON | 2007/07/20 12:56 |
| L7 | 266 | ("D$1A" or (digital adj2 analog)) near clock | US-PGPUB; USPAT | OR | ON | 2007/07/20 13:17 |
| L8 | 48 | 7 same (register or buffer or ROM or memory) | US-PGPUB; USPAT | OR | ON | 2007/07/20 13:17 |
| S1 | 1 | "20050238117".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/04 11:20 |
| S2 | 3 | US-6144662-$.DID. OR US-6031431-$.DID. OR US-5648988-$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 11:54 |
| S3 | 1 | "6144862".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:01 |
| S4 | 181 | 375/302.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:49 |
| S5 | 270 | 375/216.ccls. | US-PGPUB; USPAT | OR | ON | 2006/12/04 14:33 |
| S6 | 1 | washakowski.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:49 |
| S7 | 377 | brodsky.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:50 |
| S8 | 10 | S7 and baseband | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/04 14:50 |
| S9 | 210 | S4 or S5 and shaping | US-PGPUB; USPAT | OR | ON | 2006/12/04 15:25 |
| S10 | 78 | (S4 or S5) and shaping | US-PGPUB; USPAT | OR | ON | 2006/12/04 15:25 |

| S11 | 15 | (US-20040141569-$ or US-20020075092-$ or US-20030002570-$ or US-20010055331-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-6075813-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-4682123-$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/04 16:47 |
|-----|-----|-----|-----|-----|-----|-----|
| S12 | 3 | S11 and coefficient$1 | US-PGPUB; USPAT | OR | ON | 2006/12/05 07:57 |
| S13 | 1 | "6411647".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/05 07:57 |
| S14 | 15 | (US-20040141569-$ or US-20020075092-$ or US-20030002570-$ or US-20010055331-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-6075813-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-4682123-$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/05 13:14 |
| S15 | 7 | S14 and negative | US-PGPUB; USPAT | OR | ON | 2006/12/05 13:14 |
| S16 | 1 | "20050238117".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/05 14:14 |
| S17 | 15 | (US-20040141569-$ or US-20020075092-$ or US-20030002570-$ or US-20010055331-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-6075813-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-4682123-$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:53 |
| S18 | 7 | S17 and negative | US-PGPUB; USPAT | OR | ON | 2006/12/06 09:26 |
| S19 | 370 | (nyquist adj filter) and negative | US-PGPUB; USPAT | OR | ON | 2006/12/06 09:26 |
| S20 | 251 | S19 and memory | US-PGPUB; USPAT | OR | ON | 2006/12/06 09:27 |
| S21 | 207 | S19 and shap$3 | US-PGPUB; USPAT | OR | ON | 2006/12/06 09:38 |
| S22 | 1 | "20050238117".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/06 09:55 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S23 | 181 | 375/302.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 09:58 |
| S24 | 1 | S23 and (2's adj complement) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 09:59 |
| S25 | 1 | S23 and ("2"$2 adj complement) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 10:01 |
| S26 | 0 | S23 and (binary adj offset) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 10:01 |
| S27 | 1 | S23 and (offset adj binary) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 10:02 |
| S28 | 44 | S21 and complement | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 10:02 |
| S29 | 0 | S23 and offset$1binary | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:37 |
| S30 | 13 | S23 and (sign$2 near magnitude) | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:40 |
| S31 | 12539 | (sign$2 near magnitude) and shap$3 | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:42 |
| S32 | 6867 | S31 and negative | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:44 |
| S33 | 446 | S32 and nyquist | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:48 |
| S34 | 348 | signed adj magnitude | US-PGPUB; USPAT | OR | ON | 2006/12/06 12:49 |
| S35 | 21 | S34 and shaping | US-PGPUB; USPAT | OR | ON | 2006/12/06 14:59 |
| S36 | 1 | "5440506".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/06 16:38 |
| S37 | 276 | D$1A adj clock | US-PGPUB; USPAT | OR | ON | 2006/12/06 16:50 |
| S38 | 3284 | DAC near signal | US-PGPUB; USPAT | OR | ON | 2006/12/06 16:50 |
| S39 | 5 | S23 and S38 | US-PGPUB; USPAT | OR | ON | 2006/12/06 16:50 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S40 | 22 | (US-20040141569-$ or US-20020075092-$ or US-20010055331-$ or US-20030002570-$ or US-20050201481-$ or US-20020049797-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-6075813-$ or US-4682123-$ or US-6175599-$ or US-5523726-$ or US-5570392-$ or US-5757794-$ or US-5440506-$). did. | US-PGPUB; USPAT | OR | ON | 2006/12/11 07:57 |
| S41 | 4 | S40 and roll$1off | US-PGPUB; USPAT | OR | ON | 2006/12/11 07:58 |
| S42 | 1 | "20050238117".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/11 08:10 |
| S43 | 54 | clock$3 NEAR pipeline near register | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:07 |
| S44 | 24 | S43 and ((digital adj2 analog) or D$1A) | US-PGPUB; USPAT | OR | ON | 2006/12/12 11:50 |
| S45 | 9 | (pipeline near register) same (digital adj2 analog) | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:08 |
| S46 | 0 | (pipeline near register) same ((digital adj2 analog) near rate) | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:08 |
| S47 | 2339 | (digital adj S43 analog) near rate | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:09 |
| S48 | 175 | (digital adj S43 analog) adj rate | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:10 |
| S49 | 5 | S48 same register | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:10 |
| S50 | 23 | (digital adj2 analog) adj rate | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:11 |
| S51 | 0 | S50 same register | US-PGPUB; USPAT | OR | ON | 2006/12/12 12:11 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S52 | 22 | (US-20040141569-$ or US-20020075092-$ or US-20010055331-$ or US-20030002570-$ or US-20050201481-$ or US-20020049797-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-6075813-$ or US-4682123-$ or US-6175599-$ or US-5523726-$ or US-5570392-$ or US-5757794-$ or US-5440506-$). did. | US-PGPUB; USPAT | OR | ON | 2006/12/12 13:31 |
| S53 | 1 | S52 and (raised$1cosine) | US-PGPUB; USPAT | OR | ON | 2006/12/12 13:33 |
| S54 | 1 | S52 and (srrc) | US-PGPUB; USPAT | OR | ON | 2006/12/12 13:33 |
| S55 | 2569 | raised adj cosine | US-PGPUB; USPAT | OR | ON | 2006/12/12 14:19 |
| S56 | 5 | S52 and S55 | US-PGPUB; USPAT | OR | ON | 2006/12/12 13:33 |
| S57 | 1 | "6560296".pn. | US-PGPUB; USPAT | OR | ON | 2006/12/12 14:05 |
| S58 | 380 | S55 same waveform | US-PGPUB; USPAT | OR | ON | 2006/12/12 14:19 |
| S59 | 0 | S57 same filter | US-PGPUB; USPAT | OR | ON | 2006/12/12 14:20 |
| S60 | 194 | S58 same filter | US-PGPUB; USPAT | OR | ON | 2006/12/12 15:37 |
| S61 | 14 | S52 and word | US-PGPUB; USPAT | OR | ON | 2006/12/12 15:37 |
| S62 | 24 | (US-20040141569-$ or US-20020075092-$ or US-20010055331-$ or US-20030002570-$ or US-20050201481-$ or US-20020049797-$ or US-20020141440-$).did. or (US-6144862-$ or US-6031431-$ or US-5648988-$ or US-7046970-$ or US-6879642-$ or US-6263027-$ or US-5519732-$ or US-5212714-$ or US-4737969-$ or US-6075813-$ or US-4682123-$ or US-6175599-$ or US-5523726-$ or US-5570392-$ or US-5757794-$ or US-5440506-$ or US-6560296-$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:34 |

| S63 | 8 | S62 and ("XOR" or exclusive) | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:51 |
|---|---|---|---|---|---|---|
| S64 | 11324 | address adj generator | US-PGPUB; USPAT | OR | ON | 2006/12/13 13:11 |
| S65 | 2573 | S64 and ("XOR" or exclusive) | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:52 |
| S66 | 181 | 375/302.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/13 10:53 |
| S67 | 1 | S65 and S66 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/13 10:53 |
| S68 | 270 | 375/216.ccls. | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:53 |
| S69 | 0 | S65 and S68 | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:53 |
| S70 | 1213 | S65 and adder | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:54 |
| S71 | 1 | S64 and ("XOR" adj multiplexor) | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:56 |
| S72 | 2 | S64 and ("XOR" adj multiplex$2) | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:56 |
| S73 | 2 | S64 and ("XOR" adj multiplex$3) | US-PGPUB; USPAT | OR | ON | 2006/12/13 10:56 |
| S74 | 2 | S62 and S64 | US-PGPUB; USPAT | OR | ON | 2006/12/13 13:12 |
| S75 | 500 | S64 same (address adj line$1) | US-PGPUB; USPAT | OR | ON | 2006/12/13 13:12 |
| S76 | 351 | S75 and bus | US-PGPUB; USPAT | OR | ON | 2006/12/13 13:14 |
| S77 | 56 | S76 and "xor" | US-PGPUB; USPAT | OR | ON | 2006/12/13 14:53 |
| S78 | 8 | "D/A" adj rate | US-PGPUB; USPAT | OR | ON | 2006/12/13 15:04 |
| S79 | 23 | (digital adj2 analog) adj rate | US-PGPUB; USPAT | OR | ON | 2006/12/13 15:55 |
| S80 | 565 | S64 and baseband | US-PGPUB; USPAT | OR | ON | 2006/12/13 15:55 |
| S81 | 375 | S80 and multiplex$3 | US-PGPUB; USPAT | OR | ON | 2006/12/13 15:55 |
| S82 | 42946 | S81 an "xor" | US-PGPUB; USPAT | OR | ON | 2006/12/13 15:56 |
| S83 | 42 | S81 and "xor" | US-PGPUB; USPAT | OR | ON | 2006/12/14 09:29 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S84 | 1 | ("D$1A" or (digital adj2 analong)) near clock | US-PGPUB; USPAT | OR | ON | 2006/12/14 09:30 |
| S85 | 250 | ("D$1A" or (digital adj2 analog)) near clock | US-PGPUB; USPAT | OR | ON | 2006/12/14 09:31 |
| S86 | 58 | S85 and (baseband or in$1phase or quadrature) | US-PGPUB; USPAT | OR | ON | 2006/12/14 09:49 |
| S87 | 9574 | coefficient near4 memor$3 | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:48 |
| S88 | 1739 | S87 same (plurality or multiple) | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:48 |
| S89 | 3 | S88 and (375/308 or 375/302 or 375/322).ccls. | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:48 |
| S90 | 1082 | S87 with (plurality or multiple) | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:48 |
| S91 | 7155 | coefficient adj4 memor$3 | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:53 |
| S92 | 790 | S91 with (plurality or multiple) | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:48 |
| S93 | 2 | S92 and (375/308 or 375/302 or 375/322).ccls. | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:54 |
| S94 | 829 | (coefficient adj (ROM or memor$3)) with (plural$3 or multiple or several or second) | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:54 |
| S95 | 1 | S94 and (375/308 or 375/302 or 375/322).ccls. | US-PGPUB; USPAT | OR | ON | 2007/07/19 15:54 |
| S96 | 73 | S94 and (QPSK or baseband) | US-PGPUB; USPAT | OR | ON | 2007/07/19 16:07 |
| S97 | 1 | "6359936".pn. | US-PGPUB; USPAT | OR | ON | 2007/07/19 16:21 |
| S98 | 3 | "6144862".pn. "5648988".pn. "6031431".pn. "6144862".pn. "5648988".pn. "6031431".pn. | US-PGPUB; USPAT | OR | ON | 2007/07/20 07:14 |